

Digitized by the Internet Archive in 2010 with funding from Lyrasis Members and Sloan Foundation

CATALOGUE

of

CUMBERLAND UNIVERSITY

Lebanon, Tennessee.

1891.

FOUNDED 1842.

NASHVILLE, TENN.: Cumberland Prenbyterian Publishing House, 1891.

Commencement Week, 1891.

SUNDAY, MAY 31.—Baccalaureate Sermon by Rev. J. W. Fitzgerald, Lebanon, Tennessee.

Monday, June 1.—Theological Class Day. Exercises at 10 A.M. and 3 P.M.

Monday Evening.—Musicale complimentary to the students of the University, given by the Mozart Choral Club.

TUESDAY, JUNE 2, 10 A.M. AND 3 P.M.—Responses to sentiments by the Law Seniors.

TUESDAY EVENING.—Reception to the Graduates at the residence of Prof. W. J. Grannis.

Wednesday, June 3.—College Class Day. Exercises at 10 A.M.

Wednesday Evening.—Intercollegiate Symposium. Addresses by President Black, of Missouri Valley College; President Turner, of Lincoln University; Professor Goldsby, of Bethel College; and Professor Johnson, of Trinity University.

THURSDAY, JUNE 4.—Commencement Day. Conferring of Degrees at 10 A.M. Addresses to the Graduates by Presidents Black and Turner and Professors Goldsby and Johnson.

The Next Term begins September 7, 1891.

Calendar of Hessian, 1891-92.

First Term begins September 7, 1891; ends January 20, 1892. Second Term begins January 25, 1892; ends June 2, 1892.



Trustees.

ANDREW B. MARTIN, Esq., President.
DR. A. F. CLAYWELL, Secretary.
EDWARD E. BEARD, Esq., Treasurer.
JUDGE BENJAMIN J. TARVER.
R. P. McCLAIN, Esq.
REV. J. D. KIRKPATRICK.
REV. J. W. FITZGERALD.
JOHN A. LESTER.
HON. W. R. SHAVER.

EDWARD M. NEAL, University Treasurer. REV. J. D. KIRKPATRICK, Financial Agent. REV. J. S. GRIDER, Assembly's Agent.



University Faculty.

NATHAN GREEN, LL.D., Chancellor and Professor of Law.

S. G. BURNEY, D.D., LL.D, Professor of Systematic Theology.

A. H. BUCHANAN, LL.D.,
Professor of Mathematics and Civil Engineering.

W. D. McLAUGHLIN, A.M., Professor of Latin and Greek.

JOHN I. D. HINDS, A.M., Ph.D., Professor of Chemistry and Natural Science.

R. V. FOSTER, D.D.,
Professor of Hebrew and New Testament Greek.

EDWARD E. WEIR, A.M.,
Professor of Belles-lettres and Mental and Moral Sciences.

J. D. KIRKPATRICK, D.D.,
Murdock Professor of Church History.

ANDREW B. MARTIN, LL.D., Professor of Law.

W. J. GRANNIS, A.M., Principal of the Preparatory School.

HERBERT W. GRANNIS, A.M., Teacher in Preparatory School

C. H. BELL, D.D.,
Professor of Homiletics and Missions.

W. J. DARBY, D.D., Lecturer on Pastoral Work.

J. M. HUBBERT, D.D., Lecturer on Pastoral Work.

Catalogue of Students.

GRADUATE STUDENTS.

UNDERGRADUATES.

ABBREVIATIONS.—Sen., Senior Class; Jun., Junior Class; Soph., Sophomore Class; Fresh., Freshman Class; Theo., Theology; Prep., Preparatory School; Eng., Civil Engineering.

ABEL, WILLIAM LEE	Dayton, Tenn	Fresh.
ALBRIGHT, WILLIAM FRANCIS	Gallatin, Tenn	Sen.
ANDERSON, WILLIAM K	Bridges, Tenn	\dots Fresh.
-Anderson, Joseph M	Chattanooga, Tenn	Law.
Ausban, William Allen	Lynnville, Tenn	Theo.
AVENT, ROBERT E	Minter City, Miss	Law.
Baird, Oscar		
BALCH, RUFUS WALKER	Little Rock, Ark	Law.
BANDY, EDWARD	Nashville, Tenn	Prep.
Banks, R. Mack	Memphis, Tenn	Law.
Barbee, John Conor	Jefferson, Texas	Soph.
Baynes, Thomas Fletcher		
Beck, Lafayette Dillard	Smith's Grove, Ky	\dots Theo.
Beckham, Robert Henderson		
Bennett, Dodson	Lebanon, Tenn	Prep.
BLACK, DENNIS WALLS	Bethpage, Tenn	Prep.
Black, George H	Abner, Texas	Law.
Blair, James Thomas	Osborne, Mo	Jun.
BLANTON, WILLIAM	Lebanon, Tenn	\dots . Prep.
BOHANNON, DAVID PERKINS	Albertville, Ala	Prep.
Bradley, Jo W	Chicago, Ill	Law.
Brown, Charles	Lebanon, Tenn	Prep.
Brown, Robert Samuel	Lebanon, Tenn	\dots Fresh.
Brown, Harry Jordan	Lebanon, Tenn	Fresh.
BRYAN, FELIX GRUNDY	Chatata, Tenn	Law.
Bryan, Joseph Allen	Chattanooga, Tenn	Law.
Caldwell, James Addison	Spring City, Tenn	Prep.
CALDWELL, WILLIAM ALLEN		
-Caldwell, Fred J	Union City, Tenn	Law.

CALDWELL, ROBERT TEMPLEMAN	
CALDWELL, WILLIAM JEFFERSON	
CARMAN, GEORGE JEFFERSON	Falcon, TennPrep.
CARLOS, BARTER COLES	Lebanon, TennPrep.
CARNAHAN, ALFRED EWING	Boonsboro, Ark
Caruthers, John	Hartsville Tenn Sen
Castleman, Val	
CHAMBERLAIN, THOMAS	Lohanon Tour
CHANDLER, RICHARD EUGENE	Yashvilla Tour Prop
Charder, Richard Edgere	
Cr. pr. Davidson L. range	Lebanon, Tennrep.
CLARK, BENJAMIN LANSING	Plano, Texasrep.
CLARKE, WILLIAM I	Pinckneyville, KyLaw.
CLEMMONS, A. B	
Cook, George King	Lebanon, TennPrep.
Cooper, Joe Wilson	
COUCH, WILLIAM ROBERT	Lebanon, TennPrep.
Covington, John Foster	Lebanon, TennFresh
Cowling, Cokely Camp	Nashville, TennFresh
Cox, Henry	Lebanon, TennPrep.
Cox, Thaddeus A	Johnson City, Tenn Law.
CRIDER, ZACHARIAH JOHNSON	Fredonia, KySen.
CULLON, WILLIAM JEFFERSON	Lebanon, TennPrep.
CUMMINS, MITCHEL	
CURRY, JOSEPH HENRY	Fulton Ky Then
Dalton, John Joseph	
DARWIN, THOMAS ALBERT	
Davis, Samuel	Ctotooville Tenn Souh
Davis, Samuel Berryman	Mustraudoro Terr
Dickson, William Addison	Dente de la contraction de la
Dickson, William Addison	Bentonville, ArkLaw.
DISHMAN, JOHN WESLEY	Hartsville, Tenn Jun.
DOAK, RUFUS RANDOLPH	Lebanon, Tenn Fresh
Dodson, Stonewall Jackson	Beckwith, TennLaw.
Dougherty, Mark Rufus	Odessa, MoTheo.
Douglass, Benjamin T	Batchtown, IllLaw.
DUNN, JOSEPH TURNER	Chester, Miss Law.
DURHAM, J. TOM	
Eason, Samuel	Lebanon, Tenn Prep.
ELDRIDGE, SAMUEL COHEN	Jefferson, TexasSen.
	Lebanon, TennSoph.
	Smyrna, KySoph.
	Lebanon, TennPrep.
	Lebanon, TennSoph.
	Lebanon Tenn Jun
FAULKNER WALTER SANDERS	
FAULKNER, WALTER SANDERS	St. Io Toyas Pran
FIELD. JASPER	St. Jo, TexasPrep.
FIELD. JASPERFORT, DANCY	St. Jo, TexasPrep. Sadlersville, TennLaw.
FIELD. JASPER FORT, DANCY FOULKS. FRANK MARSHALL.	St. Jo, Texas
FIELD. JASPER FORT, DANCY FOULKS. FRANK MARSHALL.	St. Jo, Texas

	Evensville, TennPrep.
GENTRY, JOHN BELL	Eaglesville, TennTheo
GILL, FRANK BRISTOW	Elkton, Ky Fresl
GLOVER, WILLIAM	Bradford, TennPrep.
GLOVER, GEORGE WILSON	Corinth, Miss Theo
	Lebanon, TennSen.
	Lebanon, TennPrep.
	Lebanon, TennPrep.
	Lebanon, TennPrep.
GUINN ISAAC WILLIAM	Pelham, TennLaw.
HACKWORTH, JOHN LUTHER	Bass, AlaLaw.
HAIL JOHN EUGENE	Osaka, JapanSoph
HALBERT, THOMAS EDWIN	Lebanon, TennSen.
	Lebanon, TennPrep.
	Ballymaconnolly, IrelandTheo
HANN CALVIN	Gravel Hill, TennJun.
	Baird's Mills, Tenn Prep
	Prescott, ArkFresl
	Lebanon, TennPrep
	Lebanon, Tenn Prep
	Coal Hill, ArkPrep.
	Savannah, Tenn Soph
	Oxford, MissSoph
	Alton, IllTheo
	Granville, TennFresl
	Peoria, TexasTheo
	McCulloch, TennLaw.
	Willow Grove, TennLaw.
	Lebanon, TennFresl
	Coker, AlaPrep
	Walla Walla, WashSoph
	Lebanon, TennPrep.
	Tokio, JapanLaw.
	Green Bush, GaLaw.
	Fort Gibson, I. TLaw.
	Lebanon, TennPrep
	Statesville, TennLaw.
	Corsicana, TexasLaw.
	Bellsburg, Tenn Theo
Johnston, Lobert Foster	Meridian, Miss Theo
KEITH, WILLIAM CHESTER	Jackson, TennLaw.
KELLEY, EDGAR MARTIN	Granville, TennPrep
	Algiers, IndTheo
Kelso, Andrew Homer	Algiers, IndTheo West Point, MissJun.
Kelso, Andrew Homer	West Point, MissJun.
KELSO, ANDREW HOMER KILPATRICK, WILLIAM SAMUEL KIMBROUGH, ROBERT LESLIE	West Point, Miss Jun Weakley, Tenn Fresl
KELSO, ANDREW HOMER KILPATRICK, WILLIAM SAMUEL KIMBROUGH, ROBERT LESLIE KING, WILLIAM JEFFERSON	West Point, Miss Jun Weakley, Tenn Fresl Hillsboro, Tenn Soph
KELSO, ANDREW HOMER KILPATRICK, WILLIAM SAMUEL KIMBROUGH, ROBERT LESLIE KING, WILLIAM JEFFERSON KING, FELIX ZOLLICOFFER	West Point, Miss Jun Weakley, Tenn Fresl

KIRKPATRICK, HARRY	Lebanon, TennPrep.
	Corsicana, TexasTheo.
	Itasca, TexasTheo.
	Lebanon, Tenn Prep.
	Dunbar, Tenn Fresh.
	Dunbar, TennLaw.
	Dodoburg, TennFresh.
	Itasca, TexasFresh.
	Caledonia, MissLaw.
	Millwood, KyJun.
	Union City, TennLaw.
	Graysport, MissLaw.
	Lebanon, TennFresh.
LESTER JAMES W	Lebanon, TennFresh.
	Lebanon, TennPrep.
	Mount Pleasant, TexasFresh.
	Lebanon, TennLaw.
	Lebanon, TennSoph.
	Farmington, TennTheo.
	Waverly, TennLaw.
	Sink, TennLaw.
	Borden, CalPrep.
	Leeville, TennSoph.
	Aberdeen, MissPrep.
	Georgetown, TennPrep.
	Brownsville, Tenn Law.
MARK, AMBROSE MADISON	Greenville, KyFresh.
	Glenrose, TexasLaw.
	High Point, GaLaw.
	Lebanon, TennPrep.
	Lebanon, TennPrep.
	Lebanon, Tenn Fresh.
	Lebanon, TennPrep.
	Louisville, TexasPrep.
	Chula, MoTheo.
	Lebanon, TennSoph.
McLauren Sauren	Lebanon, TennPrep.
MCKENZIE, STUART	Mount Pleasant, TexasLaw.
MCLEAN, JEFFERSON DAVIS	Brookville, MissSoph.
MCLEOD, GUSTAVUS HENRY	Jefferson, TexasSen.
	Pikeville, TennSoph.
	Billings, Ohio FreshFincastle, Texas Law.
	Newport, TennLaw.
	Spadra, ArkFresh.
	Bridgeville, AlaPrep.
	Franconia, AlaFresh.
MOODY, EDWIN EUGENE	Meridian, MissTheo.
MOORE, ISAIAH	Tyner, TennFresh-

7. O Y	75 1 1 1	rm:
Moore, Charles Rankin	•	
MORGAN, JAMES PARR		
Morrow, Mancil Edward		
MOUNT, JAMES WILLIAM		
NEAL, GEORGE WASHINGTON		
NEWTON, WALTER WILLIAM	Jacksonville, Texas	\dots Prep.
Nicholson, Joseph Black	Whitewright, Texas	\dots Theo.
Noe, Alphonzo	Sturgis, Ky	\dots Prep.
OAKLEY, GEORGE MORRISON		
OKANO, YEATAROW	Tokio, Japan	Law.
Ono, Matataro	Shigaken, Japan	Law.
OVERBY, E. ROBERT		
OWSLEY, THOMAS MILLER		
OWSLEY, WILLIAM LUCIEN		
PEERY, WILLIAM OSBORNE		
PELT, MILTON		
Pelt, Septimus Filius		
PENNINGTON, BENJAMIN DUVAL		
Perkins, James		
PEYTON, LYTLE		
Pointer, Edwin Mooring		
Prater, Marcellus Austin		
PRICE, OSCAR LEON		
Price, John Thompson		
RATHBUN, WILLIAM ARTHUR		
READ, WILLIAM MARSHALL		
REYBURN, CHESTER HARLAN		
RICE, LABAN LACY		
RICE, CALE YOUNG		
RICE, THOMAS BENTON	Chilharaa Ma	Thee
RITCHEY, ALFRED S	Mallingville Tong	Sout
Roberts, Benjamin Beverly		
ROBERTS, WILLIAM S		
Robinson, William	Dyersburg, Tenn	Duon
Robison, Martin Wilson		
RODGERS, WILLIAM B		
Rodgers, William Thomas		
Rosseau, Joel		
RUSHING, ROBERT ABEL		
Sanders, Josephus		
SHANNON, JAMES KIDDER		
SHIBLEY, CARL	\ an Buren, Ark	Fresh.
SILVIUS, GEORGE HARRISON		
SIMPSON, GEORGE	Lebanon, Tenn	Prep.
SKAGGS, GEORGE		
SLATON, OSCAR L	Decatur, Texas	Law.
SLOSS, JOSEPH MORLAND	woodburn, Ky	Prep.
SLOSS, JESSE EDWARD		
SLOSS, MORTIMER PORTER	Auburn, Ky	Law.

SLUDER, JAMES THOMAS	Horse Shoe Falls, TennLaw.
SMITH, JAMES FRANKLIN	Stokes, TennSoph.
SMITH, COLONEL HAYWOOD	Brunswick, TennTheo.
	Lebanon, TennPrep.
SORRELLS, WALTER BENTON	Pine Bluff, ArkLaw.
	Madisonville, KyLaw.
STILES, HENRY	Lebanon, TennPrep.
STILES, DEE	Lebanon, Tenn Prep.
THOMPSON, THEODORE SPENCER	Sulphur Wells, Ky Prep.
	Howell, TennSoph.
	Okolona, MissLaw.
TUCKER, WILLIAM NEWTON	Lebanon, TennPrep.
	Lebanon, TennPrep.
	Lebanon, TennPrep.
VAN HORN, JOHN MANLEY	Congleton, KyTheo.
VINEYARD, DANIEL MCKENZIE	Lexa, ArkFresh.
	Clifton, TennPrep.
WALKER EDGAR	Lebanon, TennPrep.
WALKUP, SAMUEL JOSEPH	Odessa, MoTheo.
	Six Mile, AlaJun.
	Howell, TennFresh.
	Omega, TennPrep.
	Lebanon, TennPrep.
WHIPPLE JAMES AUDDEN	Union City, TennSoph.
	Lebanon, TennPrep.
WHITESIDE WARTS LUTTER	Rives, TennJun.
	Lebanon, TennSoph
	Wolf City, TexasTheo.
WILLIAMSON WILLIAM HENDY	Lebanon, TennSoph.
While John Lucky	Pelham, TennLaw.
	Daingerfield, TexasPrep.
	Madisonville, KyFresh.
	Lebanon, TennFresh.
	Russellville, ArkSoph.
Wilson Robber Andrew Vill	Adamsville, TennSoph.
	Bethesda, TennTheo.
	Georgetown, TennSen.
	Columbus, MissSoph.
	Lebanon, TennPrep.
	Lebanon, TennFresh.
	Union City, TennSen.
	Huntingdon, TennFresh.
WRIGHT, WILLIAM BATE	Murfreesboro, TennLaw.



GENERAL SUMMARY.

College—	
Freshmen	
Sophomores 28	
Juniors	
Seniors	
Graduate Students 7—1	101
Law Students	58
Theological Students	36
Preparatory Students, exclusive	80
Total	275
Preparing for the Ministry	75
SUMMARY BY STATES.	
Alabama	7
Arkansas	17
California	- 0
Georgia	3
Illinois	- 6
Indiana	1
Indian Territory	2
Kentucky	26
Mississippi	1+
Missouri	9
Ohio	1
Pennsylvania	2
Tennessee	152
Texas	25
Washington	1
Japan	ō
Ireland	1
Total	275

Degrees Conferred.

BACHELOR OF ARTS .- A.B.

John Caruthers,
Zachariah Johnson Crider,
Grafton Green,
Thomas Edwin Halbert,
James Parr Morgan,
Total, 10.

George Washington Neal.
Chester Harlan Reyburn,
Laban Lacy Rice,
Joseph Douglass Witt,
Edward Monroe Wright.

BACHELOR OF DIVINITY .- B.D.

Lafayette Dillard Beck,

Robert Templeman Caldwell,

Mark Rufus Dougherty,

John Calvin Francis,

John Bell Gentry,

James Hamilton,

Moses Kelley Hollister,

William Anderson Johnson,

Total, 16.

Eugene Basilius Kuntz, George Donnell Logan, James William McGee, Charles Rankin Moore, Thomas Benton Rice, William Thomas Rodgers, Samuel Joseph Walkup, John Josiah Wilson.

BACHELOR OF SCIENCE. - B.S.

William Francis Albright, *
Samuel Cohen Eldridge, ✓
Total, 4.

Oliver D. McReynolds, L Edwin Mooring Pointer. L

BACHELOR OF LAWS.—LL.B.

Joseph M. Anderson, Robert E. Avent, V R. Mack Banks, / * George H. Black, Jo W. Bradley, t William I. Clarke, Joe Wilson Cooper, Thaddeus A. Cox, *Samuel Berryman Davis, Stonewall Jackson Dodson, Benjamin T. Douglass, 1 * Joseph Turner Dunn, * J. Tom Durham, V Daney Fort. F Hidei Fukuoka, 1 * Isaac William Guinn, John Luther Hackworth. George Huddleston, v Cordell Hull. Yasuma Ishikawa, * Earl Anderson Jackson, 🗸 Walter Hamilton Jackson, 1

Total, 43.

Louis Percy Johnson. Tilmon Achilles Lancaster, 🗸 Billups Featherston Lawrence, John Perry Lee, Henry Atkins Lindsley," James Tillman Loggins, V * Albert Luther Love, V * Ambrose Madison Marr. Jefferson Davis McLean, William Oscar Mims, Mancil Edward Morrow, ~ Yeatarow Okano, V *Oscar Leon Price, \checkmark William Arthur Rathbun, William B. Rodgers, Z * James Thomas Sluder, 🗠 * Walter Benton Sorrells, * * John Ray Stanley, William Feamster Tucker, *John Lucien Willis, William Bate Wright.

*Degrees conferred in January.

DOCTOR OF PHILOSOPHY .- Ph.D.

Isaac W. P. Buchanan, Lebanon, Tenn. V Total, 1.

Honorary Degrees Conferred in June, 1890.

DOCTOR OF DIVINITY .- D.D.

Rev. Philip Axtell, Pittsburgh, Pa. Rev. E. T. Bowers, Kansas City, Mo. Rev. Eds. G. McLean, Walla Walla, Wash. Rev. George W. Mitchell, Wales, Tenn.

Rev. R. G. Pearson, Asheville, N. C.

SUMMARY OF DEGREES.

Bachelor of Science	4	Bachelor of Divinity	4:3

Total

General Statements.

SCOPE OF THE UNIVERSITY.

The University includes a Preparatory School, a College of Liberal Arts (with prescribed courses for the degrees of Bachelor of Science, Bachelor of Arts, Master of Arts, and Doctor of Philosophy), an Engineering School, a Law School, and a Theological School. All these are thoroughly equipped and provided with ample means of instruction.

BOARDING.

Students are received into the best families of the town, and are thus brought under the moral influences of good society.

SUGGESTIONS TO OUR PATRONS.

If possible, every student should enter the institution on the first day of each term, and should remain to the close. No student gets the full benefit of our courses of instruction if he loses any portion of them. Minors should be directed in the selection of their boarding-houses and courses of study, and should never be allowed to open accounts in the stores.

Inasmuch as some of our friends have both sons and daughters to be educated, and might wish to have them in the same town for their mutual comfort and protection, special attention is here called to the fact that a superb female school, manned in part by college professors, though in no way connected with the University, is in operation here. Those desiring to see the catalogue of this school can address Prof. B. S. Foster, principal, Lebanon, Tennessee.

MATRICULATION.

No student will be allowed to recite before matriculating. As soon as the term has opened, and the student has selected his course of study, he will report to the University Treasurer, who will receive his fee and furnish him a receipt bearing the seal of the University. This he is to show to the professors to whom he may recite.

DEGREES.

Hereafter the degrees of Bachelor of Science, Bachelor of Arts, Civil Engineer, Bachelor of Laws, and Bachelor of Divin-

ity will be conferred only upon students who have satisfactorily completed the prescribed course in the regular way, and who are present on Commencement day.

Candidates for graduation are required at the beginning of the term next preceding the Commencement or time of graduation to deposit a diploma fee of five dollars with the treasurer. If in any case for any cause the degree should not be conferred, the said fee will be refunded. This applies to all departments.

The degrees of Master of Arts and Doctor of Philosophy are conferred upon non-residents who give satisfactory evidence of having thoroughly studied the prescribed courses, and who present acceptable theses upon subjects assigned them by the Academic Faculty.

LECTURES.

Public evening lectures on literary and scientific subjects are delivered from time to time, at Caruthers Hall, by members of the University Faculty.

LIBRARY AND READING-ROOM.

The University Library contains nearly twelve thousand volumes. It is open on certain days, and is free to all students.

CABINET OF MINERALS AND FOSSILS.

This includes many fine specimens, and additions are constantly being made. The friends of the University will confer a great favor by sending to the Professor of Natural Science any thing of this kind that they can secure.

PHILOSOPHICAL AND CHEMICAL APPARATUS.

This is amply sufficient for the full illustration of the course, and additions are constantly being made.

CHURCHES, ETC.

Lebanon is well supplied with churches and Sunday-schools, and all suitable means are used to induce students to attend them regularly.

YOUNG MEN'S CHRISTIAN ASSOCIATION.

There is a live College Association, and it is a means of great good to the students of all departments of the University.

SOCIETIES.

Connected with the University are three literary societies:

THE AMASAGASSEAN SOCIETY.—This society was organized in 1837, at Cumberland College, Princeton, Ky. In 1842 it was

transferred, with the College, to Lebanon. Motto: "Nos Palma Manet."

The Philomathean Society.—This society was organized in 1854. Motto: "Nihil Sine Labore."

The Heurethelian Society.—This society was organized in 1854. Motto: Γνῶθι τόν Θεόν. Γνῶθι σεαυτόν.

These societies all have commodious and well-furnished halls, and hold their meetings every Saturday evening during the scholastic year. They also give public exhibitions from time to time in Caruthers Hall.

COLLEGE CODE.

The laws of the University are all embraced in the motto: "Semper præsens, semper paratus."

THE ASSEMBLY'S AGENT.

Rev. J. S. Grider is the Agent appointed by the General Assembly for the endowment of the University. He is now actively engaged in securing endowment for the Theological School. If the Church will rally to the support of the University it will in a few years be placed beyond embarrassment.

ENDOWMENT.

The following is an approximate estimate of the present condition of the endowment:

Productive Endowment, Theological School	0
Productive Endowment, Academic School	9
Endowment not yet productive	55,000
Total Endowment	\$135.770

Besides the above, there is a large amount secured to the University in legacies which have not yet passed into the hands of the Board of Trustees.

ALUMNI ASSOCIATIONS.

The authorities of the University request that its Alumni organize local associations in all towns where there are as many as six alumni, that these associations hold at least one meeting a year, and that they have a secretary who may be in constant correspondence with the Chancellor of the University. The University will thus be greatly strengthened and the alumni will keep fresh in their minds the memories of their alma mater.

CONTRIBUTIONS TO THE LIBRARY.

Attorney-General George W. Pickle.—Volumes 1, 2, 3, and 4 of Pickle's Tennessee Reports.

Professors A. H. Buchanan and J. I. D. Hinds.—Five volumes of the Scientific American and five volumes of the Scientific American supplement.

Rev. G. G. Hudson.—A complete set of Meyer's Commentary on the New Testament for the class-room reference library at Divinity Hall.

CONTRIBUTIONS TO THE UNIVERSITY CABINET.

Lacy L. Rice.—Rocks from North Carolina.

H. N. Grannis.—Steatite and Mica from Too High, Georgia.

John Doak.—Punk from Tennessee.

R. P. McClain,—Fossil Coral from Wilson county, Tennessee.

J. C. Ryan.—Fossils from Lebanon, Ohio.

O. D. McReynolds.—Mineral from Pike's Peak.

Walter Bryan.—Sandstone from Pecos, Texas.

James Bryan.—Shells from Pecos, Texas.



Preparatory School.

TEACHERS.

WILLIAM J. GRANNIS, Principal. HERBERT W. GRANNIS, Latin and Greek.

OBJECT.

The first object of this School is to prepare students thoroughly to enter the Freshman Class in College.

The second object is to fit young men who can not take a collegiate course for active business life.

During the year 115 students were enrolled, 35 of whom had recitations in other departments of the University.

Course of Study.

PRIMARY-FIRST YEAR.

Tuition \$10, Contingent Fee \$2 per Term.

First Term.—Swinton's First and Second Readers, Mental Arithmetic (Wentworth and Reed), Writing on slate and blackboard.

Second Term.—First and Second Readers, Writing, Mental Arithmetic, First Lessons in Geography.

PRIMARY-SECOND YEAR.

Tuition \$12.50, Contingent Fee \$3 per Term.

First Term.—Third Reader (Swinton), Mental Arithmetic (Wentworth and Reed), Geography, How to Talk (Powell), Spelling (Swinton), Writing.

Second Term.—Third Reader (Swinton), Mental Arithmetic, Geography, How to Talk (Powell), Writing, Spelling.

FIRST YEAR-ENGLISH.

Tuition \$15, Contingent Fee \$3 per Term.

First Term.—Fourth Reader (Swinton), Geography, Practical Arithmetic (Olney), Graded English (Reed and Kellogg), Grammar (Wells), Spelling (written and oral), Writing.

Second Term.—Fourth Reader (Swinton), Arithmetic, Geography, Spelling, How to Write, Grammar, Writing, United States History (Barnes' Brief).

SECOND YEAR-ENGLISH.

Tuition \$18, Contingent Fee \$5 per Term.

First Term.—English Grammar (Wells), Arithmetic (Olney). Introduction to Algebra (Olney), Writing, Physiology (Hutchinson).

Second Term.—English Grammar, Arithmetic, Algebra, Writing, Geology of Tennessee, Science of Government (Macey).

THIRD YEAR-ENGLISH.

Tuition \$20, Contingent Fee \$5 per Term.

First Term.—Green's Analysis, Arithmetic reviewed, Algebra (Olney's Complete). Book-keeping, Maury's Physical Geography.

Second Term.—Analysis completed, Algebra completed, Book-keeping, Astronomy (Steele), Natural Philosophy, Geometry.

FIRST YEAR-CLASSICAL.

Tuition \$18, Contingent Fee \$5 per Term.

First Term.—Arithmetic (Olney), English Grammar (Wells), Algebra (Olney's Introduction), Writing, Latin Grammar (Allen and Greenough), Bellum Helvetium.

Second Term.—English Grammar completed, Algebra (Introduction completed), Arithmetic (Olney), Latin Grammar, Bellum Helyetium.

SECOND YEAR-CLASSICAL.

Tuition \$20, Contingent Fee \$5 per Term.

First Term.—Algebra (Olney's Complete), Green's Analysis, Arithmetic reviewed, Maury's Physical Geography, Cæsar, Greek Grammar (Goodwin), Greek Lessons (Leighton).

Second Term.—Analysis completed, Algebra completed, Astronomy (Steele), Virgil, Anabasis, Mythology, Geometry.

Those completing the English and Classical courses will receive certificates.

BUSINESS COURSE.

This embraces the following: Thorough drill in opening and closing books, both by single and double entry; Banking and Commission Business, with methods of keeping the books; Commercial Arithmetic, Penmanship, Lectures on the Nature of Contracts, Negotiable paper, Partnerships, Commercial Correspondence, Notes, Drafts, Bill-making, Averaging Accounts, Exchange (Foreign and Domestic), Stock Company Organization, Dividends, Stock Ledger, Shipping, Manufacturing, etc.

For this course the tuition fee is \$40.

College.

ESTABLISHED 1842.

FACULTY.

NATHAN GREEN, LL.D., Chancellor.

A. H. BUCHANAN, Mathematics.

W. D. McLAUGHLIN, Latin and Greek.

J. I. D. HINDS, Natural Science and Chemistry.

E. E. WEIR, Belles-lettres, Mental and Moral Science.

In this department of the University two courses of study are provided, one leading to the degree of Bachelor of Arts and the other to the degree of Bachelor of Science. The first offers a liberal education in Ancient and Modern Languages, Mathematics, Science, and Philosophy. The second is intended to be the exact equivalent of the first in the amount of work required of the student and the mental culture given him.

Post-Graduate courses are provided for the degrees of Master of Arts and Doctor of Philosophy.

ADMISSION.

Candidates for admission to the Freshman Class must be prepared for examination in the following text-books and subjects, or their equivalents:

I.-CLASSICAL COURSE.

- I. English—Spelling, definition, and derivation of words; Grammar; writing of correct English sentences.
 - 2. Ancient and Modern Geography.
 - 3. History of the United States.
- 4. Mathematics—Arithmetic, entire, including the metric system; Algebra, including quadratic equations and the calculus of radicals; Plane Geometry (three books).
- 5. Latin—Grammar (Allen and Greenough preferred), including all the grammatical forms and the principal rules of syntax; Cæsar (three books); Virgil (three books).
- 6. Greek—Grammar (Goodwin preferred), including all the grammatical forms and the principal rules of syntax; Greek Lessons; Xenophon's Anabasis (three books).

II. - SCIENTIFIC COURSE.

Candidates for the Scientific Course must be prepared for examination in all the above subjects except Greek and also on the following:

- 1. Elementary Physics (Gage or Avery).
- 2. Physical Geography (Maury).
- 3. Elementary Astronomy (Newcomb or Lockyer).
- 4. Elementary Anatomy and Physiology (Martin, Huxley, or Cutter).

Candidates for admission to either of the higher classes must be prepared for examination upon the course of study for all the lower classes.

Students leaving before the end of any term will be required to stand an examination upon the portion of the course which they have missed before they can enter their class again.

DEGREES.

The degrees of Bachelor of Arts (A.B.), Bachelor of Science (B.S.), Master of Arts (A.M.), and Doctor of Philosophy (Ph.D.), will be conferred upon students who satisfactorily complete the courses of study prescribed for these degrees.

Courses of Instruction.

The following is a detailed statement of the courses of instruction offered to students of the University:

I .- ENGLISH AND HISTORY.

1. HISTORY.

Outlines of Ancient and Modern History.

2. English Language and Literature.

This comprises:

- (a) English Grammar—Historical and Phonetic Elements in the English Language; Orthographical, Etymological, Syntactical, and Poetic Forms of the English Language.
- (b) Rhetoric—Lectures on Rhetorical Forms, General Characteristics of Style and Eloquence; Invention.
- (c) English Literature—Beginning with the formative periods of the English Language and Literature. and extending to the present time, including American Literature.
- (d) Anglo-Saxon.

Text-books:

For Freshman Class—Anderson's New General History, Meikeljohn's English Grammar, and Genung's Rhetoric. For Sophomore Class—Genung's Rhetoric, English Classics.

The following course in Reading was taken by the class in Literature during the year just closed:

Prose.—Pepys' Diary; Sidney's Defense of Poetry; Barrow's Evil Speaking; Walton's Complete Angler; Addison's Essays; Bacon's Essays; Steele's Isaac Bickerstall; Burke's Essays on the Sublime and Beautiful; Swift's Battle of Books; Carlyle's Essays on Burns and Scott; Ruskin's Sesame and Lilies.

Poetry.—Chaucer's Canterbury Tales; Spenser's Færie Queen; Shakespeare's Hamlet and Julius Cæsar; Goldsmith's Deserted Village; Scott's Lady of the Lake and Essay on Man; Burns' Cotter's Saturday Night and Tam O'Shanter; Gray's Elegy and other poems; Coleridge's Ancient Mariner; Tennyson's In Memoriam and Enoch Arden.

II. - PHILOSOPHY.

1. POLITICAL ECONOMY AND INTERNATIONAL LAW.

Political Economy—its two leading divisions, Production and Consumption; and its two subordinate divisions, Distribution and Exchange.

2. LOGIC, MENTAL AND MORAL SCIENCE.

This embraces:

- (a) Logic—Logic of Conception, or the Term; Logic of Judgment, or the Proposition; Logic of Reasoning, or the Syllogism; Logic of Construction, or the System.
- (b) Christian Ethics, Theoretical and Practical.
- (c) Metaphysics.
- (d) History of Philosophy.
- (e) Evidences of Christianity.

Text-books:

For Junior Class—Gregory's Logic, Wayland's Political Economy, Gregory's Ethics, and Burney's Ethics.

For Senior Class—Sir William Hamilton's Lectures on Metaphysics, Fisher's Grounds of Theistic and Christian Belief, and Bowen's History of Philosophy.

III. - MODERN LANGUAGES.

A two years' course in both French and German is provided. During the first year thorough drill is given in the grammars and in the translation of easy literature, with continual exercise in pronouncing, writing, and speaking the languages. The second year is devoted to the reading of classic literature, translating into idiomatic English, and translating English into French and German.

The course will be continually changed during the second year, so that students who desire may continue the study of these languages through the whole four years.

Text-books.—Brandt's First German Book, Brandt's German Reader, Worman's First German Book, and selections from the best classic German writers: Fasquelle's French Grammar and selections from classic French writers.

IV .- ANCIENT LANGUAGES.

A careful and systematic study of the principles of the languages and of their literature, based mainly on Quintilian's review of the best Latin and Greek writers, is required. The dependence of the English language upon the Latin and Greek will receive constant attention in the class-room. The course of reading is designed to embrace, as far as practicable, the best authors in every department of literature known to the ancients.

- 1. Latin.—Text-books: Cicero's Orations against Catiline, Sallust's Jugurthine War, Horace's Odes, Epodes, and Ars Poetica, and portions of the Satires and Epistles, Livy, Tacitus, Quintilian, and Pliny's Letters, and Allen and Greenough's Latin Grammar, and Bojesen's Roman Antiquities, Prose Composition.
- 2. Greek.—Text-books: Homer's Iliad, Herodotus, Lysias, Xenophon's Memorabilia, Demosthenes de Corona, Thucydides, Funeral Oration of Pericles, Euripides, Sophocles, and Plato's Phædo, Goodwin's or Crosby's Greek Grammar, and Bojesen's Grecian Antiquities, Prose Composition.
- 3. Sanskrit.—Members of the Senior Class desiring to prosecute studies in the direction of Comparative Philology will be carried through an elementary course in Sanskrit.

V. - SCIENCE.

In this School the sciences are arranged as follows:

1. Chemistry.—The course of instruction includes Descriptive and Experimental Chemistry, Theoretical Chemistry, Stoich-

iometry, Qualitative, Quantitative, Volumetric, and Organic Analysis and Assaying.

- 2. *Mineralogy*. In this course are taught Crystallograpy, Descriptive and Determinate Mineralogy and Litholgy.
- 3. Geology. This includes Physiographic, Stratigraphic, Dynamic, and Historical Geology, Economic Geology, Paleontology, Cosmogony, and the relation of Science to Religion.
- 4. Biology.—This course embraces General Biology, Descriptive and Systematic Zoology, Comparative Zoology, Human Anatomy, Physiology and Hygiene, Structural, Physiological, and Systematic Botany, Analysis and Descriptions of Plants, and Cryptogamic Botany.

Text-books.—For the Freshman Class: Furneaux's Animal Physiology and Gage's Physics.

For the Sophomore Class: Mixter's Chemistry, Remsen's Organic Chemistry, Remsen's Theoretical Chemistry, and Dana's Mineralogy.

For the Junior Class: Nicholson's Zoology, Gibson's Biology, Gray's School and Field Book of Botany, and Bessey's Botany.

For the Senior Class: Martin's Physiology, Dana's or Le Conte's Geology, Ladd's Physiological Psychology, and Winchell's Comparative Geology.

VI. - MATHEMATICS.

The course of instruction is as follows:

I.—Pure Mathematics.

Algebra.—Fractional and Negative Exponents, Factoring, Powers, and Roots, Calculus of Radicals and Imaginary Quantities, Simple and Quadratic Equations, Proportion, Progression, and Variation, Indeterminate Co-efficients, Theory of Equations, Sturm's Theorem, and Horner's Method.

Geometry.—Plane and Solid. Exercises in Geometric Invention.

Analytic Geometry.—Construction of Plane Loci from their Equations, Determination of their Equations; Tracing, Rectification, and Quadrature of Curves, Volumes of Solids of Revolution, and Geometry of Three Dimensions.

Surveying.—Common Land Surveying, Leveling, Topography, Railroad and Mining Surveying, with field practice.

Trigonometry.—Plane and Spherical, Angular Analysis with applications to solution of plane and spherical triangles.

Calculus.—Algebraic and Transcendental Functions, Maxima and Minima, the Theory of Logarithms, and Definite Integrals, with a few applications.

II.—Physics.

Force, Energy, and Motion: Laws of Falling Bodies, Pendulum. Balance, Hydrostatics, Specific Gravity, Barometer and how to use it, and Pumps; Laws of Heat, Thermometers and how to use them, Hygrometry, Calorimetry, and Thermo-Dynamics: Electricity and Magnetism, Statical and Dynamical, with their units and laws of action and Electric Light Arithmetic: Acoustics and Optics, Theory of Music: Optical Instruments, Wave Theory of Light, Interference and Polarization of Light.

III.—ASTRONOMY.

Physical, Spherical, and Practical Astronomy; Theory of Instruments, Methods of Observing and Computing Time, Latitude, Longitude, Eclipses, Occultations; and Least Squares.

Special students desiring to pursue a higher course than the above may receive assistance in Quarternions (Hardy) Higher Algebra (Salmon), Elliptic Functions (Cayley), Analytical Mechanics (Michie).

Text-books.—Freshmen: Taylor's Algebra and Wells' Geometry. Sophomores: Davies' Surveying, Wheeler's Trigonometry, Newcomb's Analytic Geometry, Hanus' Determinants, and Salmon's Higher Algebra. Juniors: Taylor's Calculus, Comstock's Least Squares, and Smith's Solid Geometry. Seniors: Young's Astronomy, Taylor's Mechanics, Thompson's Electricity and Magnetism, and Wright's Sound, Light, and Heat.

Books of Reference.—Wells' Algebra, Hill's Geometry, Gillespie's Surveying, Wentworth's Trigonometry, Byerley's Calculus, Avery's Physics, Thompson and Tate's Natural Philosophy, Airy's Acoustics, Parkinson's Optics, Tait and Steele's Dynamics, Cumming's Electricity, Watson's Astronomy, Newcomb's Eclipses, Smith's Solid Geometry, Merriman's Least Squares.

GRADUATE COURSES OF STUDY.

Students entering upon these courses will be required to pay a matriculation fee of \$5, and at the completion of the course, an examination and diploma fee of \$25.

I.—Master of Arts.

Mental Philosophy.—Hamilton, Kant, Porter, Aristotle, Hegel, Lotze, McCosh.

Logic.—Hamilton, Aristotle, Mill, Bain.

Ethics.—The Bible, Seneca, Jouffroy, Paley, Hopkins.

Evidences of Christianity.—Butler, Fisher, Smith, Godet.

Two of the authors on each of the above subjects required.

Mathematics.—Descriptive Geometry, Smith's Conic Sections, Differential and Intergral Calculus (Williamson), Michie's Mechanics, Astronomy (Young, Newcomb), Merriman's Least Squares, Hanus' Determinants.

Natural Science.--Proficiency in any branch.

Classics.—Eclogues, Georgics, Ars Poetica, Oration of Milo, Isocrates, Livy, Philology, or one modern language mastered.

Graduates of any respectable university or college will be received as candidates for this degree.

Candidates must sustain written examinations upon the studies required, and submit theses upon such subjects as the Faculty may select, before they will be advanced to the degree of Master of Arts.

II.—Doctor of Philosophy.—Ph.D.

The candidate for this degree must have completed a course of study equivalent to that required in this University for the degree of Bachelor of Arts. In addition to this, he will be required to pursue thoroughly one of the courses given below, to satisfy the Faculty on examination that he has made special proficiency therein, and to present an approved dissertation showing original research. In Mathematics written examinations may take the places of the thesis. In all the sciences laboratory work will be required.

- I. Philology. English, Latin, Greek, Sanskrit, German, French, and Anglo-Saxon languages—their philological relation to one another and to the Indo-European family in general.
- 2. Philosophy.—Scottish Philosophy; the Modern, German, French, English, and American Schools of Philosophy; History of Philosophy; Logic, Ethics, Politics, Theory of Government, Sociology, Constitutional Law. Principles of Law, and International Law.
- 3. Mathematics and Physics. Determinants (Hanus), Least Squares (Merriman), Analytic Mechanics (Michie), Quaternions (Hardy), Conic Sections (Salmon), Calculus (Williamson or

Byerley), Geometry of Three Dimensions (Smith), Theoretical Astronomy (Watson), Geodesy (Gore), Sound, Heat, Light, Electricity (Daniel).

4. Chemistry.—Chemistry; Iuorganic, Organic, Physiological, and Agricultural, Qualitative and Quantitative Analysis, Blowpipe Analysis, Metallurgy, Assaying, Chemical Technology, Spectroscopy, Drawing.

5. Natural History and Botany.—Biology, Zoology, recent and fossil; Human and Comparative Anatomy and Physiology: Histology, Embryology, Botany, recent and fossil; Microscopy,

Microscopic Animals and Plants, Physiology.

6. Geology and Mineralogy.—Geology: Lithological, Cosmical, Physiographic, Historic, and Dynamic; Economic Geology, Paleontology, Mineralogy, Crystallography, Chemistry of Minerals, Blow-pipe Analysis of Minerals, Metallurgy, Drawing, and Sketching.

Professor Buchanan will teach the Mathematics of the above two courses, by correspondence, at \$8 per month.

EXPENSES FOR TERM OF TWENTY WEEKS.

Classical and Scientific	\$25	00
Practical Astronomy and Higher Surveying, each	50	00
Analytical Chemistry	50	00
Contingent fee for all students	-5	00
Laboratory Fee for Sophomore, Junior, and Senior	2	00
Boarding with private families (\$3.50 per week)	70	00
Boarding in clubs, about	40	00

It is thus seen that the total necessary expenses of Academic students, exclusive of books, clothing, and washing, need not exceed \$100 per term of twenty weeks, and may be reduced to \$70 if the student boards in a club.

Students entering within three weeks of the opening are charged for the full term.

Candidates for the ministry are exempt from tuition, but are required to pay all other fees. If they shall ever voluntarily abandon the ministry, or shall not connect themselves with some department of Church work, they will be required to remit to the Treasurer the full amount of tuition fees, according to the regular charges.

SCHEDULE OF CLASS HOURS.

8 to 8.50-Senior Mathematics, Sophomore Latin and Greek, Junior Philosophy.

8.50 to 9.40—Freshman Mathematics, Junior Latin and Greek,

Sophomore English, Senior Science.

9.40 to 10.30--Sophomore Mathematics, Senior Latin and Greek, Freshman History and English, Junior Science.

10.30 to 11.20--Junior Mathematics, Freshman Latin and Greek, Senior Philosophy, Sophomore Science, Freshman Science.

11.20 to 12.10-French, German, Anglo-Saxon, Higher Logic, Civil Engineering.

PARALLEL COURSES OF STUDY.

Note.—Numerals indicate the number of class exercises per week. Unless otherwise stated, the three-day exercises take place on Monday, Wednesday, and Friday; the two-day exercises on Tuesday and Thursday; and the one-day exercises on Wednesday. Subjects printed in Roman letters are required; those in italies are elective.

		CLASSICAL.	SCIENTIFIC.
AN YEAR.	FIRST TERM.	Algebra 3. Geometry, 2. General History, 5. Latin, 3. Sallust, Grammar, Composition. Greek, 2. Homer's Hiad, Grammar, Composi- tion. French, 3.	Algebra, 3. Geometry, 2. Geometal History, 5. Latin, 3. Sallust, Grammar, Composition. Human and Comparative Anatomy, 2. German, 3.
FRESHMAN	SECOND TERM.	Algebra, 3. Geometry, 2. English, 5. Grammar and Literature. Latin, 3. Cicero's Orations, Grammar, Composition. Greek, 2. Homer's Diad. Grammar, Composition. French, 3.	Algebra, 3. Geometry, 2. English, 5. Grammar and Literature. Latin, 3. Cicero's Orations, Grammar. Composition. Experimental Physics, 2. German, 3.
ORE YEAR.	FIRST TERM.	Surveying. 3. Trigonom try, 2. English, 5. English Literature and History of English Literature. Latin. 2. Horace, Grammar, Composition. Greek, 3. Lysias. Memorabilia, Grammar, Composition. Chemistry, 3. French, 2.	Surveying, 3. Trigonometry, 4. English, 5. English Literature, and History of English Literature. Latin, 2. Horace, Grammar, Composition. Chemistry, 3. German, 2. French, 3.
SOPHOMORE	SECOND TERM.	Analytic Geometry, 4. English, 5. English Literature, Rhetoric. Latin, 2. Horace, Grammar, Composition. Greek, 3. Memorabilia. Herodotus, Composi'n. Chemistry, 3. French, 2. Determinants, Higher Algebra. 1.	Analytic Geometry, 4. English, 5. English Literature, Rhetoric. Latin, 2. Horace, Grammar, Composition. Chemistry, 3. German, 2. French, 3. Determinants, Higher Algebra, 1.

		CLASSICAL.	SCIENTIFIC.
EAR.	FIRST TERM.	Analytical Geometry, 4. Logic and Political Economy, 5. Latin, 3. Livy. Greek, 2. Demosthenes de Corona. Zoology, 3. Biology, 2. German, 3. Geometry of three Dimensions, 1. Anglo-Saxon, 3.	Analytic Geometry, 4. Logic and Political Economy, 5. Latin, 3. Livy. Zoology, 3. Biology, 2. French, 2. Geometry of three Dimensions, 1. Anglo-Saxon, 3.
JUNIOR YEAR	SECOND TERM.	Calculus, 4. Moral science, 5. Latin, 3. Tacitus. Greek, 2. Alcestis, Thucydides, Oration of Pericles. Botany, 3. Gross Anatomy, Phanerogamia. Botany, Cryptogamia, 2. German, 3. French, 2. Anglo-Saxon, 3. Least Squares, 1.	Calculus, 4. Moral Science, 5. Latin, 3. Tacitus. Botany, 3. Gross Anatomy, Phanerogamia. Botany, 2. Histology, Cryptogamia. French, 2. German, 2. Least Synares, 1. Anglo-Saxon, 3.
YEAR.	FIRST TERM.	Physics, 5. Metaphysics, 5. Latin, 2. Quintilian. Greek, 3. Antigone. Geology, 3. Mineralogy, 2. Higher Logic, 2. French, 2. German, 2. Sanskrit, 1.	Physics, 5. Metaphysics, 5. Latin, 2. Quintilian. Geology, 3. Mineralogy, 2. Higher Logic, 2. French, 2. German, 2. Sanskrit, 1.
SENIOR YEAR	SECOND TERM.	Astronomy, 4. Evidences of Christianity, 3. History of Philosophy, 2. Latin, 2. Cicero de Natura Deorum. Greek, 3. Plato. Physiology, 3. Physiological Psychology, 2. Higher Logic, 2 Praetical Astronomy, 1. French or German, 2. Sanskrit, 1. Anglo-Saxon, 3.	Astronomy, 4. Evidences of Christianity, 3. History of Philosophy, 2. Latin, 2. Cicero de Natura Deorum. Physiology, 3. Physiological Psychology, 2. Higher Lopic, 2. Practical Astronomy, 1. French or German, 2. Sanskrit, 1. Anglo-Saran, 3.

Hehool of Engineering.

ESTABLISHED IN 1852.

FACULTY.

NATHAN GREEN, Chancellor.
A. H. BUCHANAN, Mathematics and Engineering.
J. I. D. HINDS, Science and German.
W. D. McLAUGHLIN, French.
E. E. WEIR, English.

The course of instruction in this School embraces:

- 1. Civil Engineering.
- 2. Mining Engineering.
- 3. Architecture and Design.
- 4. Geodesy and Topography.

The following four years' course is required of caudidates for the degree of Civil Engineer:

Algebra, Geometry, Surveying, Trigonometry, Analytic Geometry, Calculus, Physics, and Astronomy.—Same as in the Mathematical course of the Academic School.

The entire courses, *English* and *Sciences*, as required in the Academic School. French and German are optional.

The above branches are studied with the regular college classes.

Descriptive Geometry.—Stereoscopic views of the solutions of the principal problems; construction in India Ink of all problems, Isometric Projections, and Plane Projection Drawings.

Shades, Shadows, and Perspective.—Problems constructed in India ink.

Railroad Engineering.—From Reconaissance to Construction. Railroad Alignment.—Every problem performed in the field; Setting out Work, Computations of Earthwork, and Drawing Plans and Profiles.

Drawing.—Map and Topographical, with contours and hachures; Ornamentation and Lettering. (Sample Topography from United States Coast and Geodetic Survey Reports.)

Mechanics of Engineering.-Construction of Machines and

Machine Drawing: Slide-valve and Link Motion: Air, Water, and Steam Motors.

Civil Engineering.—Materials and Structures, Theory of Stresses, Stability and Strength of Wood and Iron Girders, Bridges, Roofs, and Arches. Mechanics of Material. Masonry: Retaining Walls, Foundations, Tunnels, etc.; Analytical and Graphical Methods of Deducing Stresses.

Stercotomy.—Carpentry and Stone-cutting.

Geodesy.—Figure adjustment of Geodetic Surveys, and Computations for Latitude, Longitude, Altitude, and Azimuth of Triangulation points and lines.

Text-books and Books of Reference (in addition to those embraced in the School of Mathematics).—Church's Descriptive Geometry, and Shades, Shadows, and Perspective; Watson's Descriptive Geometry, Warren's Stereotomy, Jopling's Isometric Perspective; Gillespie, Cleeman, and Voss on Road Engineering, Trautwine Engineer's Pocket-book, Wheeler's Civil Engineering, Warren's Drawing, Shunk's Field Engineering, Weisbach's Mechanics of Engineering, Rankin's Civil Engineering, Green's Roof Trusses, Auchincloss' Link and Valve Motion, Stoney on Theory of Stresses, Burr's Roof and Bridge Trusses, Burr's Materials of Engineering, Church's Mechanics of Materials, Reed's Topographical Drawing and Sketching, Gore's Geodesy, Merriman's Least Squares, and Professional Papers of the United States Coast and Geodetic Survey Reports.

GEODETIC SURVEY OF TENNESSEE.

Professor Buchanan is in charge of the Geodetic Survey of Tennessee, under the direction of the United States Coast Survey, and spends the time not required for his college duties in the work. The instruments are furnished to him by the government, and are the best to be had, and the work done is the most accurate possible. Through the courtesy of the Superintendent of the Coast Survey, Professor Buchanan is permitted to use these instruments in his class instruction. Thus unusual facilities are afforded students in the line for observing the practical operations of Astronomy and Geodesy.

EXPENSES FOR SESSION OF TWENTY WEEKS.

Tuition	\$40	00
Contingent fee		
Laboratory fee for Sophomore, Junior, and Senior		
Diploma fee	5	00
Boarding, about		

Theological Fehrol.

FOUNDED 1853.

FACULTY.

NATHAN GEEEN, LL.D., Chancellor.

S. G. BURNEY, D.D., Systematic Theology.

J. D. KIRKPATRICK, D.D., Historical Theology.

R. V. FOSTER, D.D., Exegetical Theology.

C. H. BELL, D.D., Homiletics and Missions.

LECTURERS.

W. J. DARBY, D.D., Pastoral Work.

J. M. HUBBERT, D.D., Pastoral Work

The object of this school is, in the main, to adapt itself to the wants of those who expect to be pastors actually engaging either in the pastoral or other form of evangelical work. It is, therefore, chiefly practical throughout, rather than strictly technical and special. The study of the English Bible is emphasized and is continuous through the entire course.

Course of Study.

JUNIOR YEAR.

First Term.

- 1. Harper's Elements of Hebrew and Hebrew Method and Manual (2 vols.).
- 2. Introduction to the study of Theology (Theological Encyclopædia and Methodology).
 - 3. Biblical Geography and Antiquities.
- 4. The Principles of Biblical Hermeneutics; The Doctrine of the Sacred Scriptures; Inspiration; Historic Origin; Canonicity, etc.
 - 5. Psychology and Christian Ethics.

Second Term.

- 1. Elements of Hebrew and the Hebrew Bible. Old Testament Theology.
 - 2. New Testament Greek; the Gospels.
 - 3. Biblical History.
 - 4. Pastoral Theology.
 - 5. Systematic Theology (concerning God, man, salvation).
- 6. International Law and the Constitution of the United States (Prof. Martin, of the Law School).

SENIOR YEAR.

First Term.

- 1. Hebrew Syntax and the Hebrew Bible. Old Testament Theology.
 - 2. New Testament Greek; Epistles.
 - 3. Systematic Theology (Eschatology).
 - 4. Church History.

Second Term.

- 1. Hebrew Bible and Greek Epistles.
- 2. New Testament Theology.
- 3. Church History.
- 4. Systematic Theology, continued.
- 5. Theoretical and Practical Homiletics.
- 6. Confession of Faith and Church Polity.
- 7. Greenleaf on Evidences (Chancellor Green).

BOOKS AND LECTURES.

In addition to the Hebrew books above mentioned the student should procure the following: Hurlbut's Biblical Geography, Biblical Antiquities, Cellerier's Biblical Hermeneutics (Elliot and Harsha's Edition), Gaussen's Origin and Inspiration of the Bible, Hoppin's Pastoral Theology, Phelp's Theory of Preaching, Bissell's Historic Origin of the Bible, Shedd's History of Doctrine. Bernard's Progress of Doctrine, Fisher's Church History, Smith's Old Testament and New Testament Histories.

Some topics in the course are treated chiefly in the lectures of the professors. Suitable reference works are recommended from time to time, and it is sought to teach the students how to study and investigate for themselves. Besides the general library near by, there is a small select reference library in one of the lecture-rooms.

A short devotional service is held by faculty and students

every morning at 8.20 o'clock. Practical homiletical exercises every Friday. The course and schedule are so arranged that each student is required to attend eighteen lectures and recitations per week.

Each student is frequently and closely catechised, and his exact grade is known to the faculty and his fellow students. While high attainment in sacred learning is, as a rule, earnestly recommended, it is also at the same time the earnest endeavor of this institution to furnish the Church with a practical, spiritually-minded, and efficient ministry.

DEPARTMENTS OF INSTRUCTION.

The following more explicit statements will convey a clearer idea as to what is actually taught in the Theological School:

I.—EXEGETICAL THEOLOGY.

Under this head the origin, authorship, language, history, character, exposition, and doctrines of the Sacred Scriptures are studied. It includes: 1. General and Special Introduction, under which are placed, Sacred Philology, Isagogics, Canonics, Sacred Criticism, and Hermeneutics. 2. Practical exercises in Exegesis, founded on the rules and principles established by Hermeneutics. In these exercises the student is required to study the grammatical, logical, rhetorical, and historical peculiarities of the passages assigned, and to observe in every case, so far as practicable, the rule that Scripture is the best interpreter of Scripture. 3. Biblical Theology, or the doctrines of the Old and New Testaments, studied according to their progressive development and the various forms under which they appear. It includes Messianic Prophecy, or Christ in the Old Testament both in its narrow and broader senses.

II.—HISTORICAL THEOLOGY.

Under this head are included: 1. Biblical Antiquities, or the study of the various customs, manners, social, and political institions, etc., of the ancient Bible nations. This is essential to a thorough and intelligent understanding of many parts of the Scriptures. 2. Christian Antiquities, or the domestic, social, and civil life, etc., of the early Christians. 3. History of Church Doctrine. 4. Church History.

III.--SYSTEMATIC THEOLOGY.

This branch of Theological Science, as taught here, occupies itself with the investigation and systematic development of

Christian doctrines, some of which are peculiar to Cumberland Presbyterians, others being confessed by the Christian world as a whole. They are presented, for the most part, didactically and polemically, the historical discussion of them being referred to the department of Historical Theology. The plan pursued is substantially that given in Dr. Beard's published lectures. The logical basis of Systematic Theology is laid by the instruction given in Exegetical Theology, though this must necessarily, to a certain extent, be anticipated, and the two be pursued simultaneously.

IV.—PRACTICAL THEOLOGY.

Or, 1. The ground, extent, aim, and nature of the various offices of the Church, especially of the ministry of the gospel.

2. The nature, character, material, form, and delivery of the sermon.

3. Sacred worship, or the principles regulating the public service.

4. The pastor in relation to his flock and to the world.

5. Christian Missions.

6. Apologetics and Christian Ethics.

EXPENSES.

Board, per term, in club, including every thing, about \$40.00
Contingent fee (payable at the beginning of the term) 5 00
Matriculation fee (payable at the opening of the term) 5 00
Books, per term, about 16 00

Total 500 w

Board in private families, \$3.50 a week, including meals, room, and fuel.

Hereafter all students who room in Divinity Hall will be required to board in the club, and but one club will be allowed in the building.

NOTICE.

- 1. The matriculation fee of five dollars and contingent fee of five dollars are required to be paid at the opening of each term by students entering the theological classes.
- 2. No student shall be permitted to be graduated who shall be absent from more than ten recitations during any term, unless he shall pass a satisfactory examination on the parts missed.
- 3. No student shall be received as a member of the Senior Class unless he shall first pass satisfactorily a rigid examination on the branches pursued during the previous terms of the course.
- 4. No under-graduate from another theological seminary will be admitted to any class unless he furnish a satisfactory written testimonial from said seminary.

Jaw School.

ESTABLISHED 1847.

PROFESSORS.

NATHAN GREEN. ANDREW B. MARTIN.

HISTORICAL NOTE.

The success of this School, from its origin to the present, has been unparalleled by any other similar institution. Fully two thousand young men have here received instruction in the law, and of this number there are preserved and published in the last general catalogue the names of more than one thousand who have been graduated from its walls. They are scattered throughout the entire country, at the bar and on the bench. They are present in both Houses of the United States Congress, and wherever they may be found it may be said the systematic training received here and exhibited in successful careers is giving prestige to their alma mater.

PLAN OF INSTRUCTION.

It is only by exerting the energies of his own mind that a student can qualify himself for the bar. Any plan which would propose to make a lawyer of him without his doing the hard work for himself would be idle and visionary. The virtue of any plan of instruction must consist of two things:

1. That it cause the student to work, or, in other words, to study diligently.

To accomplish this we give the student a portion of the text as a lesson every day, and examine him in it on the next day. He is required to answer questions upon the lessons thus assigned in the presence of the whole class. If he has any spirit in him, and pride of character, this will insure the closest application of which he is capable. Neither the old plan of studying in lawyers' offices, nor the old law-school plan of teaching by lectures, have any thing in them to secure application. The student is brought to no daily examination to test his proficiency. There is not the presence of a large class in which he has to take rank,

.

either high or low. All that is calculated to stimulate him to constant laborious application is wanting in both these plans. We suppose no young man would from choice adopt the office plan as the best mode of acquiring a knowledge of law, and yet the law-school lecture system is no better. The law is in the The professor can no more make the law than the student himself. Every subject upon which a lecture could be given has been exhausted by the ablest professors, and printed in books, after the most careful revision by the authors. We would regard it as an imposition on students, and as presumptuous on our part, to pretend that we could improve upon Kent, Story, Greenleaf, Parsons, and others, who have given to the public, in printed form, and acceptable to all, lectures on every branch of the law. We therefore think it better for the student to occupy his time in learning, with our assistance, what others have written than in learning from any thing we could write. If our mode of teaching is more difficult to us, it is much more profitable to the student.

2. The plan should not only be calculated to make a student work, but it ought so to guide him and direct him as to make him work to the greatest advantage.

A man may work very hard, but still so unwisely that he will accomplish no valuable object. It is equally so with the farmer, the mechanic, and the law student. The student ought to have such a course of study assigned to him, and be conducted through it in such a way as that he will understand at the end of his pupilage the greatest amount of pure, living, American law, and will know best how to apply it in practice.

The duty of the professor in this school is to conduct the daily examination of students upon the lessons assigned them; to direct their minds to what is most important in the text-books; to teach them what is and what is not settled; to correct the errors into which they may fall; to dispel the darkness that hangs upon many passages—this is necessary every day, and at every step of their progress.

MOOT COURTS.

The law is a vast science, and a very difficult one, and the student needs every possible facility to enable him, by the most arduous labor, to comprehend its leading elementary principles. But this is not all he has to do. He has to learn how to apply these principles in practice. This is the art of his profession,

and he can only learn it by practice. It is as necessary a preparation for assuming the responsibilities of a lawyer as the learning of the science. If he learns it at the bar, it is at the expense of his client; if he learns it in the school, it is at his own expense.

The advantage of the Moot Court System is that it not only indoctrinates a student in the elementary principles of law involved in his cases, but also in the law of remedies. It trains him also in the discussion of facts, and to the exercise of that tact which is so important in real practice.

Practice in Moot Courts forms a part of the plan of instruction. Every student is required to bring suits in the forms adapted to all our courts, and conduct them to final hearing. The professors act as judges, and the students act as attorneys, jurors, clerks, and sheriffs.

Course of Study.

This has been selected with care from the best works of the best American authors. It begins with the mere rudiments, and extends to every department of law and equity which may be of any practical benefit in this country, and is designed to prepare the student for an immediate entrance into the active duties of his profession.

FOR THE JUNIOR CLASS.

History of a Law Suit (by Judge Abraham Caruthers, who wrote the book expressly for this school), Kent's Commentaries (Vols. I., II., III.), Field on Corporations, May on Insurance, Greenleaf's Evidence (Vol. I.), and Stephens' Pleading.

FOR THE SENIOR CLASS.

Kent's Commentaries (Vol. IV.), Barton's Suit in Equity, Story's Equity Jurisprudence, Parson's on Contracts, and Bishop's Criminal Law.

This course may be completed in ten months, each class requiring a term of five months' study. Students entering either the Junior or Senior Class may begin in September or January. As only ten months are required, students will be expected to enter promptly at the beginning of each term.

Those who read the Junior course privately, and apply for admission to the Senior Class with a view to graduation, will be subjected to a rigid examination. If it is approved by the Fac-

ulty, the candidates will take their places in the Senior Class on the same footing as other members. It is most earnestly urged, however, upon all who possibly can, that they enter the Junior Class. Failing to do so, they miss much of the practice and drilling in elements and in forms taught in that class every term. A license to practice and a diploma will be given to all who are graduated. No previous reading of law, or any special literary qualifications, will be required to enter the school.

Books for the course may be bought in Lebanon at the prices stated under the head of Expenses, which is less than publisher's rates; or if the student should prefer not to purchase, the books for either class can be rented from booksellers in Lebanon for \$12.50, to be paid in cash at the beginning of the term.

It must be remembered that the books used in this school are the regular text-books of the profession, and will always be needed in practice, and when once bought will last a life-time.

EXPENSES.

Tuition fee for term of five months (in advance)	\$50	00
Contingent fee (in advance)	$\bar{5}$	00
Boarding in families, per week	4	00
Boarding in clubs, per month	8	00
Books of Junior Class	45	00
Books of Senior Class	45	00
Washing and lights, per session\$8 00 to	10	00
Diploma Fee (for Seniors)	5	00

All graduates are invited to remain another year, to review, free of charge.

The next session opens September 7, 1891.





